

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
 Data File : BN037194.D
 Acq On : 09 Jun 2025 16:26
 Operator : RC/JU
 Sample : Q2251-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-760-762

Quant Time: Jun 09 16:56:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 04 01:52:03 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

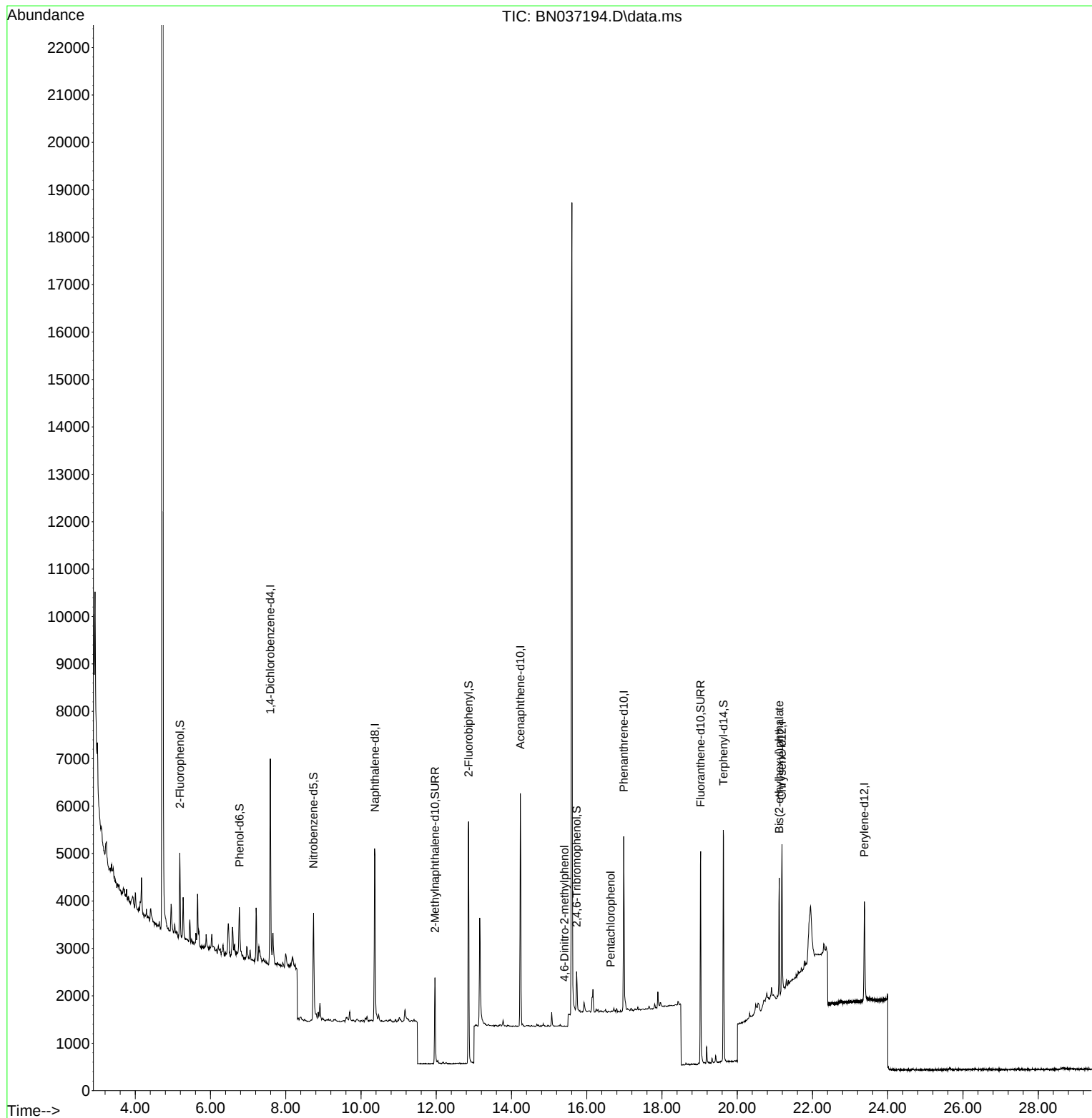
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1999	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	5087	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	2679	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4804	0.400	ng	0.00
29) Chrysene-d12	21.189	240	3021	0.400	ng	# 0.00
35) Perylene-d12	23.380	264	2805	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	1151	0.233	ng	0.00
5) Phenol-d6	6.773	99	934	0.156	ng	0.00
8) Nitrobenzene-d5	8.739	82	2028	0.378	ng	0.00
11) 2-Methylnaphthalene-d10	11.966	152	2482	0.350	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	439	0.407	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	4781	0.419	ng	0.00
27) Fluoranthene-d10	19.026	212	4898	0.401	ng	0.00
31) Terphenyl-d14	19.630	244	4583	0.644	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.411	198	1	0.275	ng	# 1
24) Pentachlorophenol	16.636	266	12	0.221	ng	# 18
34) Bis(2-ethylhexyl)phtha...	21.117	149	2310	0.335	ng	98

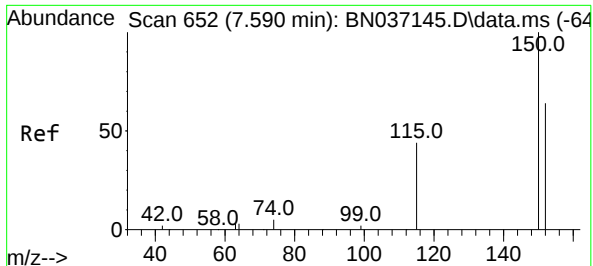
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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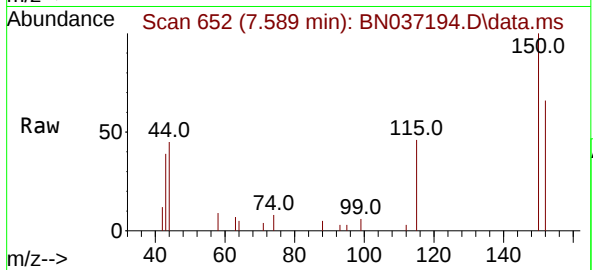
Quant Time: Jun 09 16:56:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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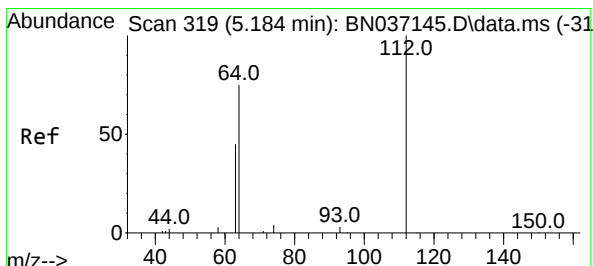
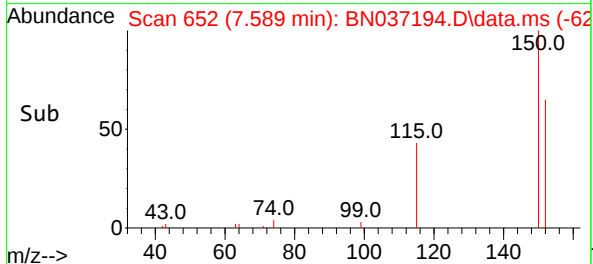
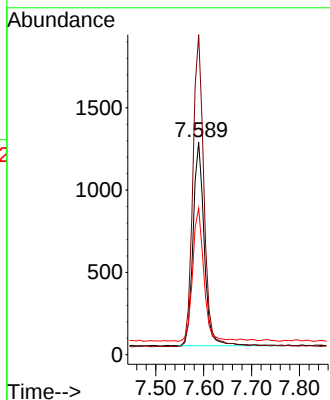


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 61
Delta R.T. -0.001 min
Lab File: BN037194.D
Acq: 09 Jun 2025 16:26

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-760-762

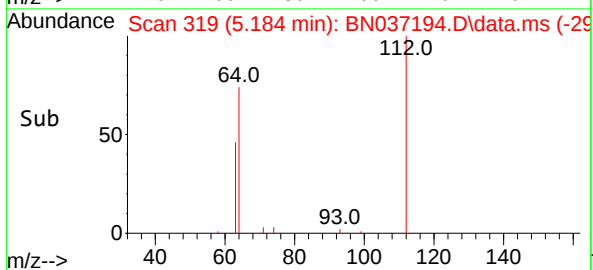
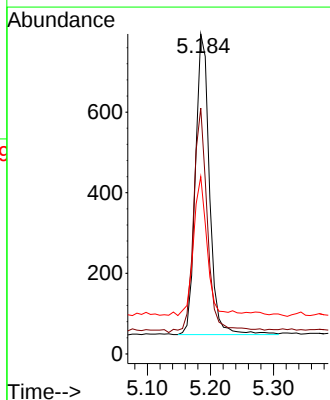
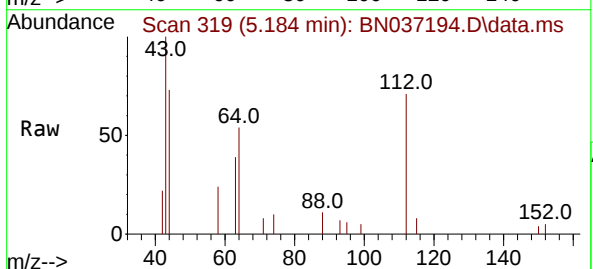


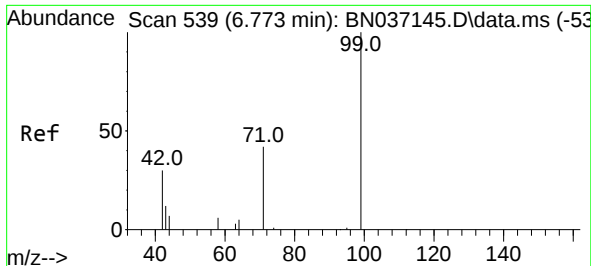
Tgt Ion:152 Resp: 1999
Ion Ratio Lower Upper
152 100
150 150.7 123.2 184.8
115 69.1 56.6 85.0



#4
2-Fluorophenol
Concen: 0.233 ng
RT: 5.184 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037194.D
Acq: 09 Jun 2025 16:26

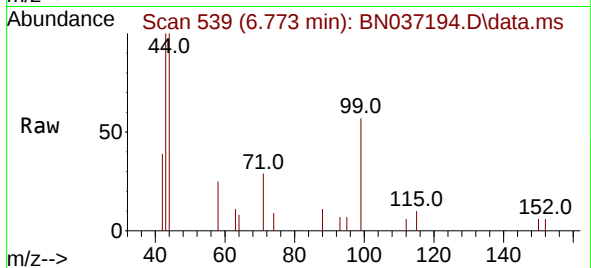
Tgt Ion:112 Resp: 1151
Ion Ratio Lower Upper
112 100
64 75.1 56.3 84.5
63 44.7 36.2 54.4



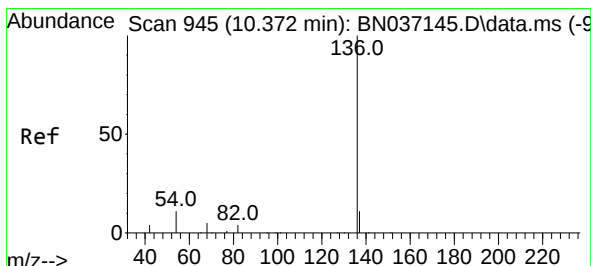
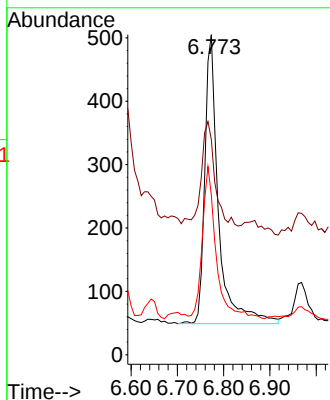
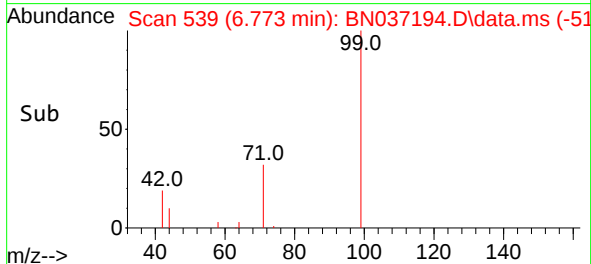


#5
Phenol-d6
Concen: 0.156 ng
RT: 6.773 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN037194.D
Acq: 09 Jun 2025 16:26

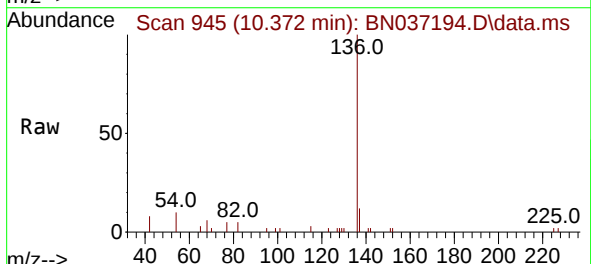
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-760-762



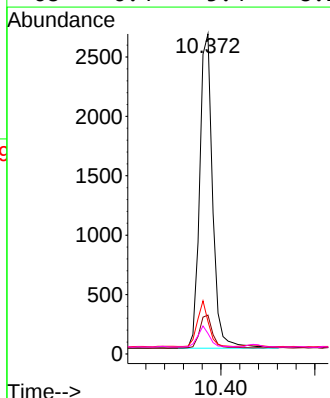
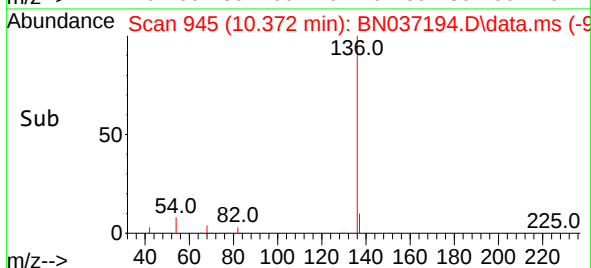
Tgt Ion:	99	Resp:	934
Ion	Ratio	Lower	Upper
99	100		
42	35.8	31.3	46.9
71	53.0	38.2	57.2

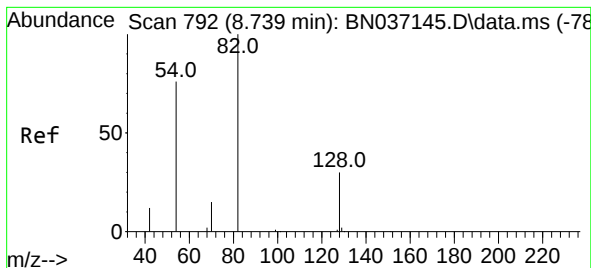


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037194.D
Acq: 09 Jun 2025 16:26



Tgt Ion:	136	Resp:	5087
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	10.1	9.7	14.5
68	6.4	5.4	8.2

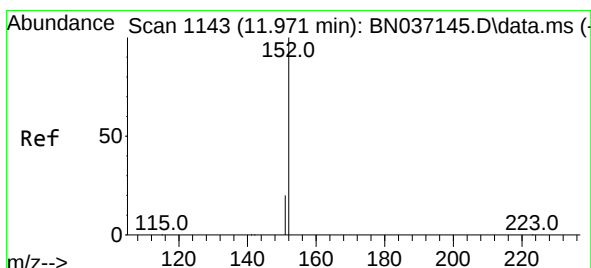
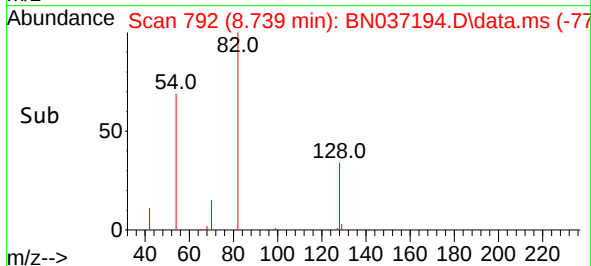
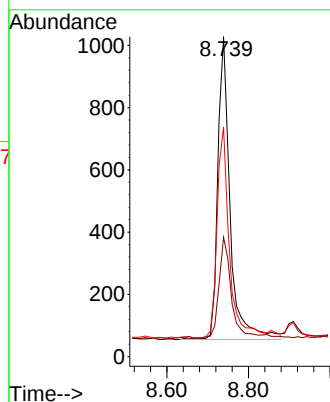
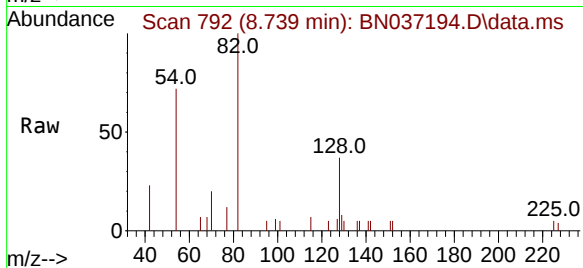




#8
 Nitrobenzene-d5
 Concen: 0.378 ng
 RT: 8.739 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: BN037194.D
 Acq: 09 Jun 2025 16:26

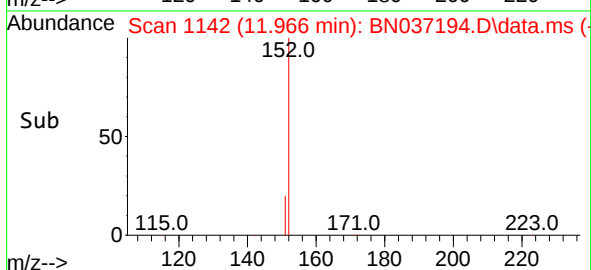
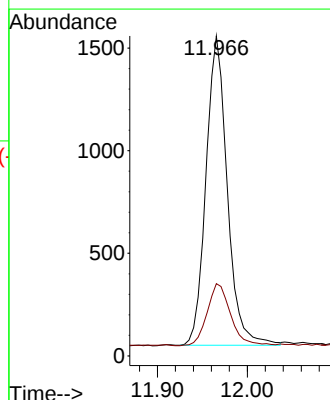
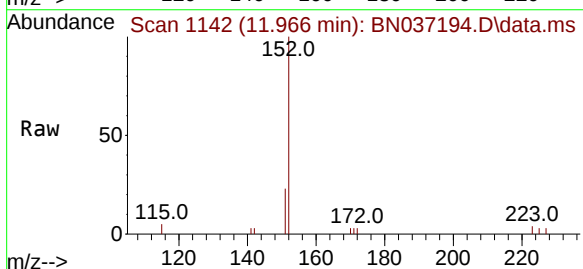
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-760-762

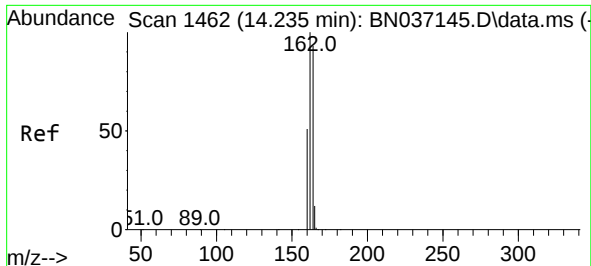
Tgt Ion:	82	Resp:	2028
Ion	Ratio	Lower	Upper
82	100		
128	37.4	26.9	40.3
54	71.7	61.4	92.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.350 ng
 RT: 11.966 min Scan# 1142
 Delta R.T. -0.005 min
 Lab File: BN037194.D
 Acq: 09 Jun 2025 16:26

Tgt Ion:	152	Resp:	2482
Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.1	25.7

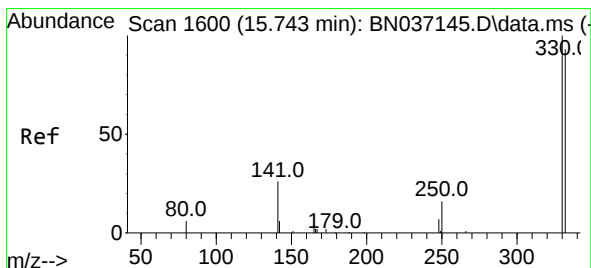
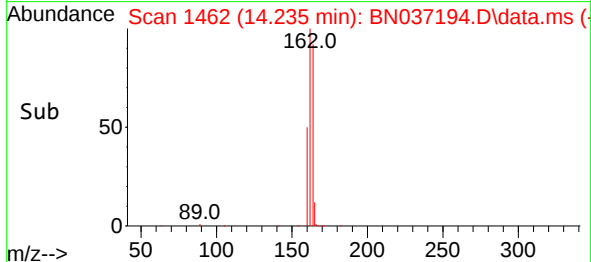
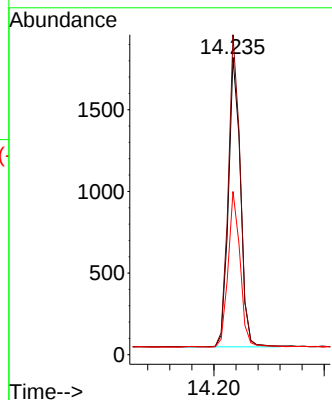
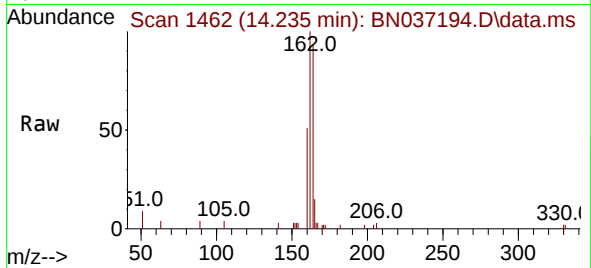




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037194.D
Acq: 09 Jun 2025 16:26

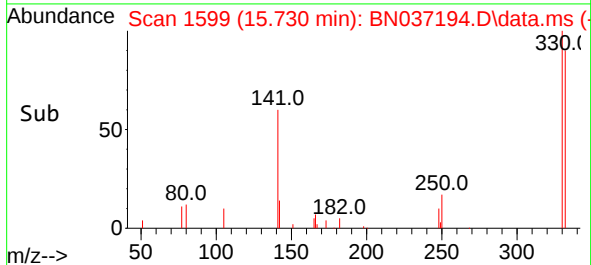
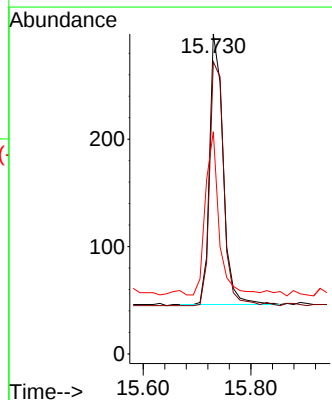
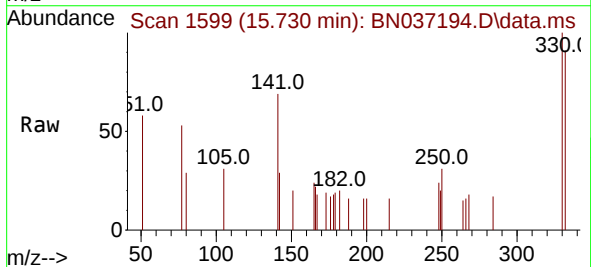
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-760-762

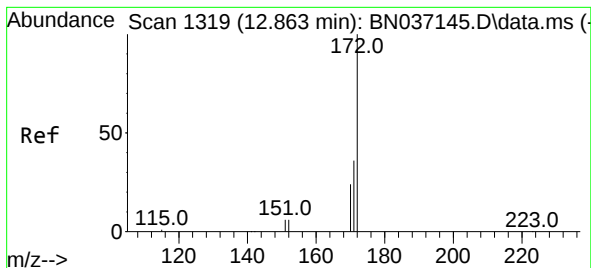
Tgt Ion:164 Resp: 2679
Ion Ratio Lower Upper
164 100
162 107.6 85.5 128.3
160 54.9 44.6 67.0



#14
2,4,6-Tribromophenol
Concen: 0.407 ng
RT: 15.730 min Scan# 1599
Delta R.T. -0.012 min
Lab File: BN037194.D
Acq: 09 Jun 2025 16:26

Tgt Ion:330 Resp: 439
Ion Ratio Lower Upper
330 100
332 95.0 77.1 115.7
141 60.1 46.4 69.6





#15

2-Fluorobiphenyl

Concen: 0.419 ng

RT: 12.858 min Scan# 11

Delta R.T. -0.005 min

Lab File: BN037194.D

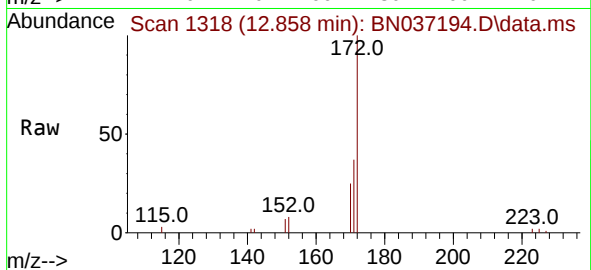
Acq: 09 Jun 2025 16:26

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-760-762



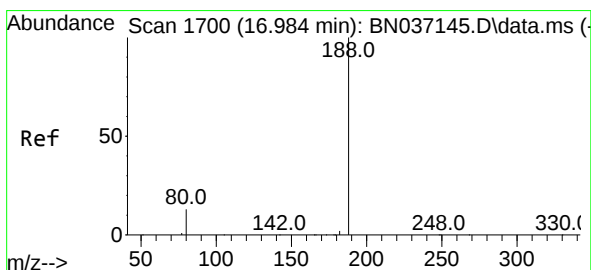
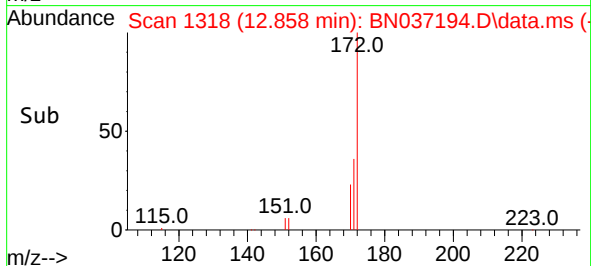
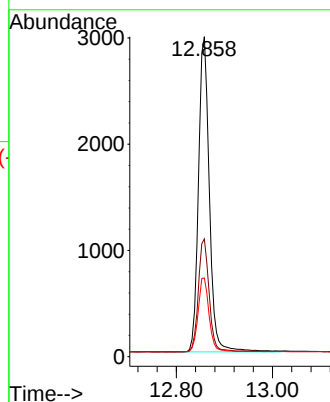
Tgt Ion:172 Resp: 4781

Ion Ratio Lower Upper

172 100

171 36.8 29.6 44.4

170 24.6 20.3 30.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.984 min Scan# 1700

Delta R.T. -0.000 min

Lab File: BN037194.D

Acq: 09 Jun 2025 16:26

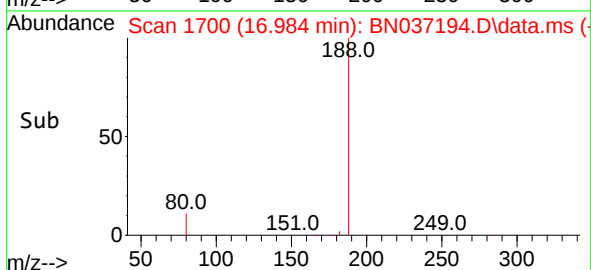
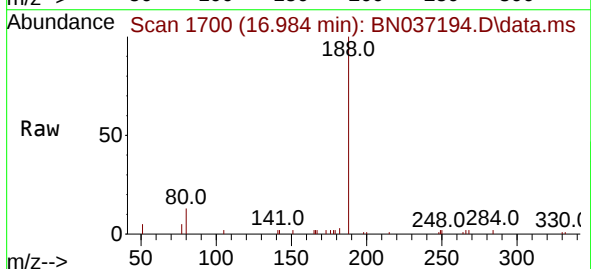
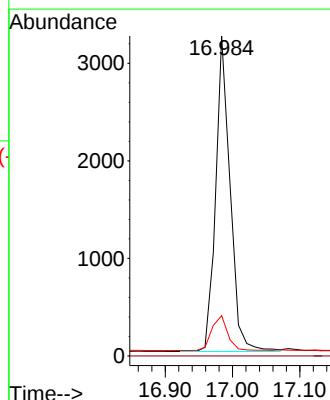
Tgt Ion:188 Resp: 4804

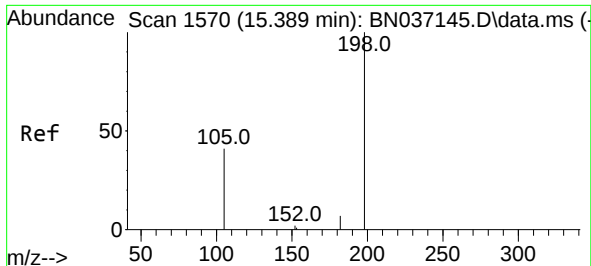
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.6 11.3 16.9





#20

4,6-Dinitro-2-methylphenol

Concen: 0.275 ng

RT: 15.411 min Scan# 1

Delta R.T. 0.022 min

Lab File: BN037194.D

Acq: 09 Jun 2025 16:26

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-760-762

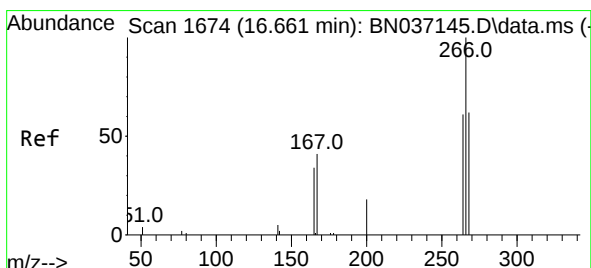
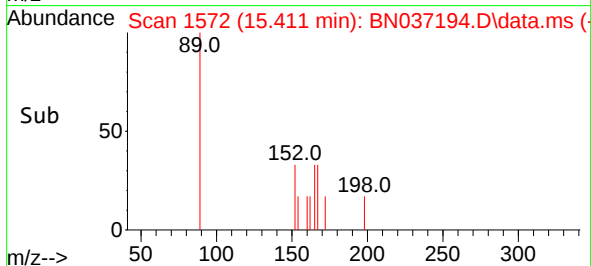
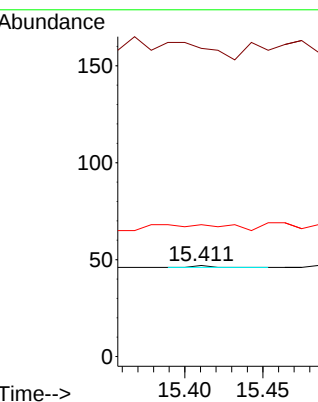
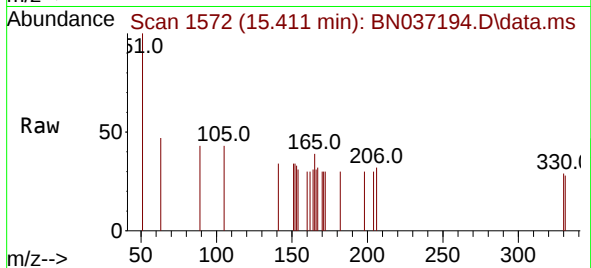
Tgt Ion:198 Resp: 1

Ion Ratio Lower Upper

198 100

51 338.3 125.2 187.8#

105 144.7 57.1 85.7#



#24

Pentachlorophenol

Concen: 0.221 ng

RT: 16.636 min Scan# 1672

Delta R.T. -0.025 min

Lab File: BN037194.D

Acq: 09 Jun 2025 16:26

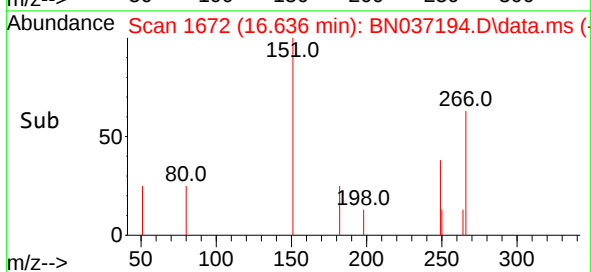
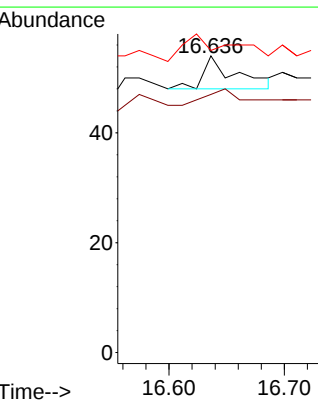
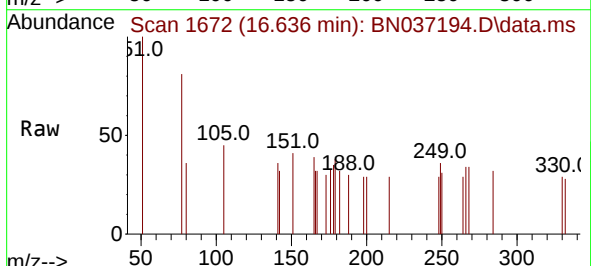
Tgt Ion:266 Resp: 12

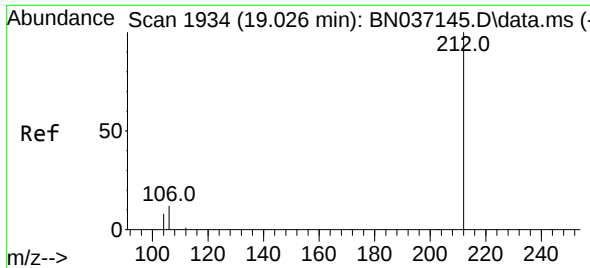
Ion Ratio Lower Upper

266 100

264 0.0 49.3 73.9#

268 125.0 49.0 73.4#

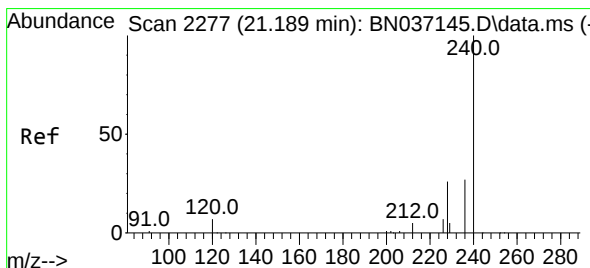
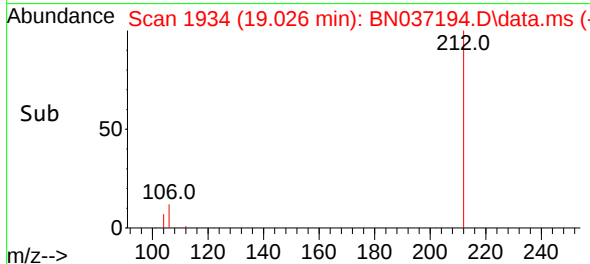
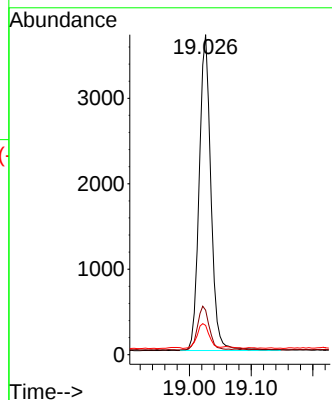
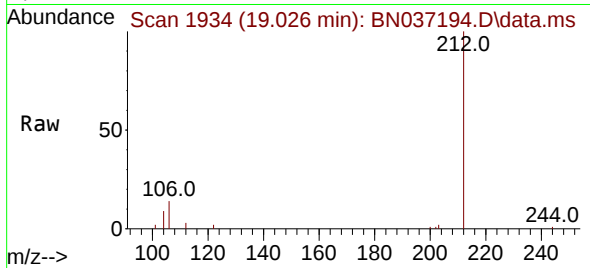




#27
Fluoranthene-d10
Concen: 0.401 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037194.D
Acq: 09 Jun 2025 16:26

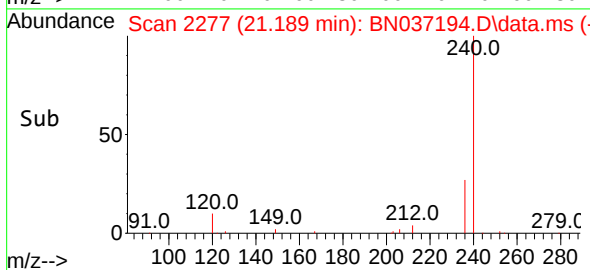
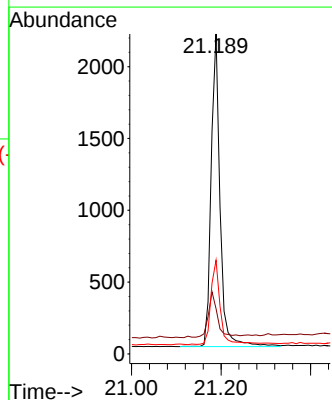
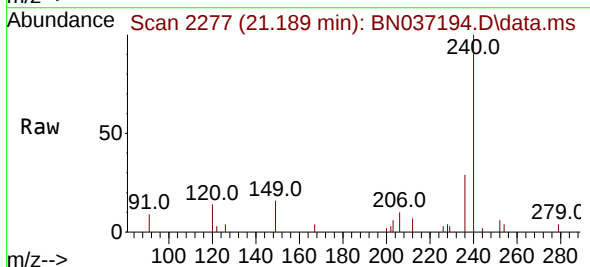
Instrument :
BNA_N
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BP-VPB-182-GW-760-762

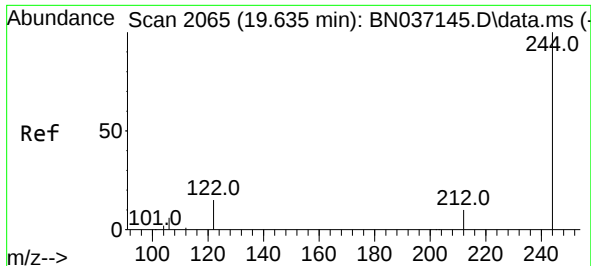
Tgt Ion:212 Resp: 4898
Ion Ratio Lower Upper
212 100
106 13.9 10.6 15.8
104 8.1 6.6 9.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BN037194.D
Acq: 09 Jun 2025 16:26

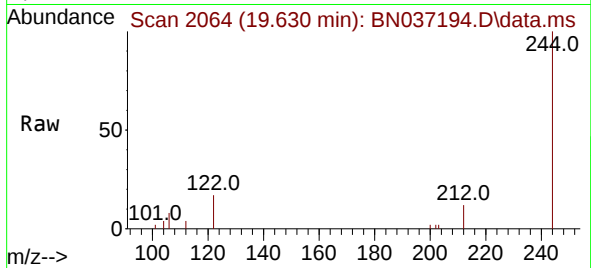
Tgt Ion:240 Resp: 3021
Ion Ratio Lower Upper
240 100
120 14.1 9.0 13.4#
236 29.3 23.0 34.4



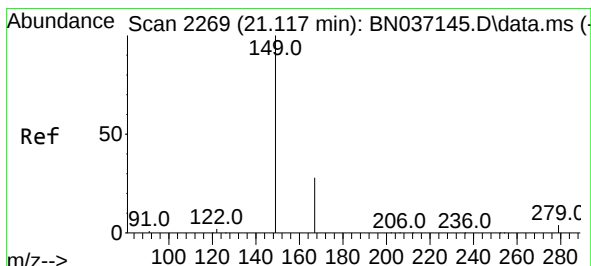
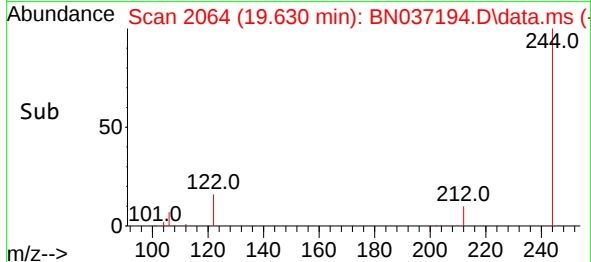
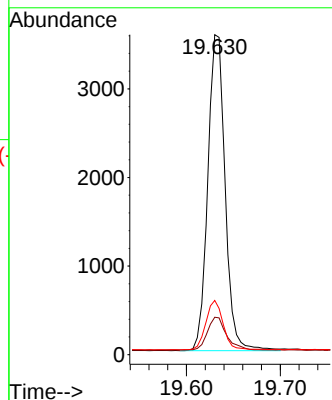


#31
 Terphenyl-d14
 Concen: 0.644 ng
 RT: 19.630 min Scan# 2064
 Delta R.T. -0.005 min
 Lab File: BN037194.D
 Acq: 09 Jun 2025 16:26

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-760-762

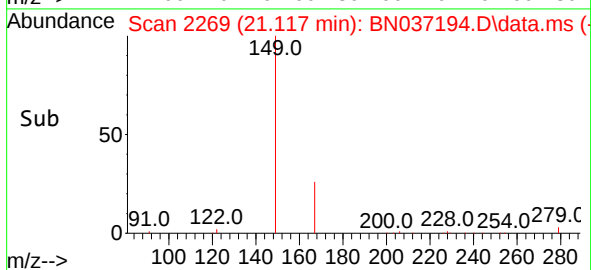
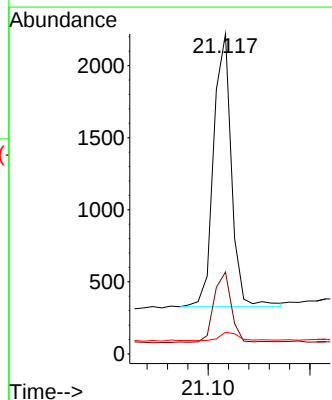
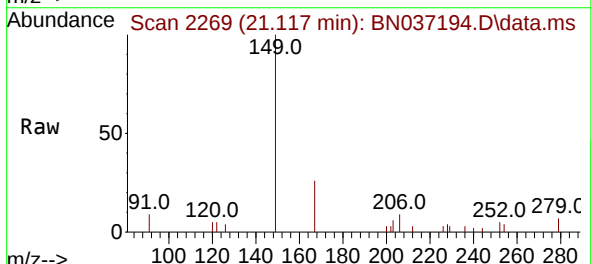


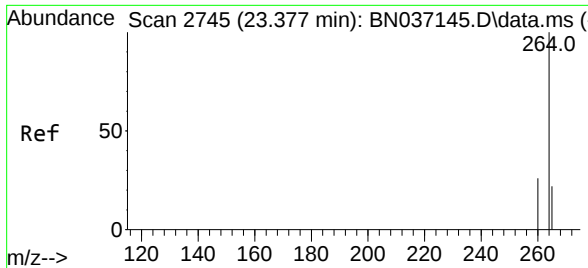
Tgt Ion:	244	Resp:	4583
Ion Ratio	Lower	Upper	
244	100		
212	11.7	10.0	15.0
122	16.9	13.2	19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.335 ng
 RT: 21.117 min Scan# 2269
 Delta R.T. -0.000 min
 Lab File: BN037194.D
 Acq: 09 Jun 2025 16:26

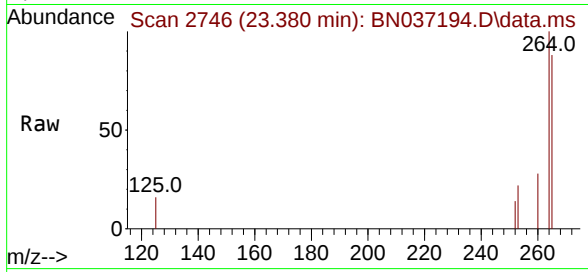
Tgt Ion:	149	Resp:	2310
Ion Ratio	Lower	Upper	
149	100		
167	25.1	21.0	31.4
279	3.5	2.9	4.3





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.380 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN037194.D
Acq: 09 Jun 2025 16:26

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-760-762



Tgt Ion:	264	Resp:	2805
Ion	Ratio	Lower	Upper
264	100		
260	28.2	22.1	33.1
265	88.2	55.8	83.8

